



(11) **EP 2 260 832 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
29.12.2010 Bulletin 2010/52

(51) Int Cl.:
A61K 9/00 (2006.01) A61K 9/20 (2006.01)

(43) Date of publication A2:
15.12.2010 Bulletin 2010/50

(21) Application number: **10178869.3**

(22) Date of filing: **22.10.2002**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
IE IT LI LU MC NL PT SE SK TR**
Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **25.10.2001 US 29134**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
02773879.8 / 1 446 106

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(54) **Optimal polymer mixtures for gastric retentive tablets**

(57) Unit dosage form tablets for the delivery of pharmaceuticals are formed of the pharmaceutical dispersed in a solid unitary matrix that is formed of a combination of poly(ethylene oxide) and hydroxypropyl methylcellulose. The combination offers unique benefits in terms of release rate control and reproducibility while allowing

both swelling of the tablet to effect gastric retention and gradual disintegration of the table to clear the tablet from the gastrointestinal tract after release of the drug has occurred.

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EUROPEAN SEARCH REPORT

Application Number
EP 10 17 8869

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 19 November 2010	Examiner Hoff, Philippe
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)



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